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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |                        | Application Number       |                        |
|   |                        | Filing Date              |                        |
|   |                        | First Named Inventor     | James A. Fisher et al. |
|   |                        | Art Unit                 |                        |
|   |                        | Examiner Name            |                        |
| Sheet 1 of 1  | Attorney Docket Number | TUC920030096US1          |                        |

| U.S. PATENT DOCUMENTS |                       |  |                                |  |   |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number - Kind <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| U.P.                  |                       | US- 2002/0129014   | 9/12/2002                      | Kim  |   |
|                       |                       | US- 2002/0138509   | 9/26/2002                      | Bunrows  |   |
|                       |                       | US- 2002/0143736   | 10/3/2002                      | Krzyzaniak   |   |
|                       |                       | US- 2002/0169802   | 11/14/2002                     | Brewer   |   |
|                       |                       | US- 2003/0009555   | 1/9/2003                       | Nickerson  |   |
|                       |                       | US- 2003/0018689   | 1/23/2003                      | Ramakrishnan                                       |   |
|                       |                       | US- 5897860  | 4/27/1999                      | Reinders   |   |
|                       |                       | US- 5933842  | 9/3/1999                       | Ross   |   |
|                       |                       | US- 6026412  | 2/15/2000                      | Sockut   |   |
|                       |                       | US- 6401185  | 6/4/2002                       | Sexton   |   |
| U.P.                  |                       | US- 6408368  | 6/18/2002                      | Parady   |   |
|                       |                       | US- 6499095  | 12/24/2002                     | Sexton   |   |
|                       |                       | US-  |                                |  |   |
|                       |                       | US-  |                                |  |   |
|                       |                       | US-  |                                |  |   |
|                       |                       | US-  |                                |  |   |
|                       |                       | US-  |                                |  |   |
|                       |                       | US-  |                                |  |   |
|                       |                       | US-  |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                                |  |   |                |
|--------------------------|--------------------------|---|--------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |   |                |
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|--------------------|---------------------------|-----------------|-----------|
| Examiner Signature | <i>Michael D. Plummer</i> | Date Considered | 5/12/2006 |
|--------------------|---------------------------|-----------------|-----------|

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